

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 September 2001 (07.09.2001)

PCT

(10) International Publication Number
WO 01/65769 A2

(51) International Patent Classification⁷: H04L 12/24

(21) International Application Number: PCT/CA01/00236

(22) International Filing Date: 1 March 2001 (01.03.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2,299,824 1 March 2000 (01.03.2000) CA

(71) Applicant (for all designated States except US): SPICER CORPORATION [CA/CA]; 221 McIntyre Drive, Kitchener, Ontario N2R 1G1 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SPICER, Steven [CA/CA]; 119 Champlain Crescent, Kitchener, Ontario N2B 2Y7 (CA); MARTIN, Christopher [CA/CA]; 66 Mooregate Crescent, Apt. 1304, Kitchener, Ontario N2M 5E6 (CA). COUTTS, Steven [CA/CA]; 99 John

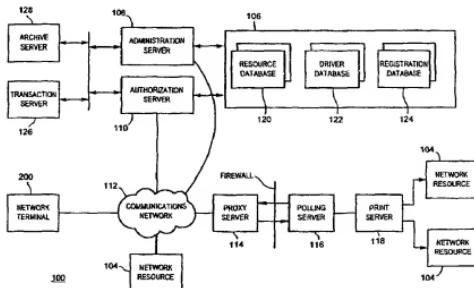
Street, Waterloo, Ontario N2L 1C2 (CA); KUHL, Larry [CA/CA]; 686 Jacob Lane, Waterloo, Ontario N2V 1G9 (CA); HOLLANDER, Brian [CA/CA]; 99 Julia Crescent, Kitchener, Ontario N2E 3M7 (CA); PIDDUCK, Patrick [CA/CA]; 267 Castlefield Avenue, Waterloo, Ontario N2K 2M4 (CA); HATTEN, Philip [CA/CA]; 2240 Walker Road, New Hamburg, Ontario N0B 2G0 (CA); LEHAN, Tim [CA/CA]; 68 Samusa Street, Kitchener, Ontario N2H 1R1 (CA); ONISCHKE, Mark [CA/CA]; 220-150 Country Hills Drive, Kitchener, Ontario N2E 3H2 (CA); GRASSICK, Clayton [CA/CA]; 15 Cambrian Crescent, Winnipeg, Manitoba R3R 1Y3 (CA).

(74) Agents: GRAHAM, Robert, J. et al.; Gowling Lafleur Henderson LLP, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (CA).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SL, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

[Continued on next page]

(54) Title: NETWORK RESOURCE CONTROL SYSTEM



(57) Abstract: A network resource control system allows network terminals to communicate with network resources, and includes a resource registry, an authorization server and an administration server. The resource registry includes resource records which are associated with the network resources and define at least a user access level for each network resource. The authorization server is in communication with the resource registry and controls network access to the network resources in accordance with the resource records. The administration server is in communication with the resource registry and provides controlled access to the resource records. The administration server receives user access control data from administrators of the network resources for incorporation into the resource records. Depending upon the user access control data received, the authorization server configures the network terminals for communication with the network resources.

WO 01/65769 A2

WO 01/65769 A2



(84) **Designated States (regional):** ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.